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New Orleans, La.

Localities in which plague-infected rats were found in New Orleans, La., from Dec. 6, 1914, to June 15, 1915.¹

Case No.	Where found.	When found.
		1914.
209	Stuyvesant Docks, Wharf 6.....	Dec. 12
210	Stuyvesant Docks, Wharf 7.....	Dec. 15
211	do.....	Dec. 18
212	Stuyvesant Docks, Wharf 6.....	Dec. 23
213	Crescent City Slaughterhouse.....	Dec. 18
214	Stuyvesant Docks, Wharf 6.....	Dec. 29
215	do.....	Do.
216	do.....	Do.
217	do.....	Do.
218	do.....	Do.
		1915.
219	Stuyvesant Docks, Wharf 4.....	Jan. 2
220	Stuyvesant Docks, Wharf 5.....	Jan. 4
221	Stuyvesant Docks, Wharf 6.....	Jan. 7
222	do.....	Jan. 6
223	do.....	Jan. 4
224	do.....	Do.
225	do.....	Jan. 6
226	do.....	Jan. 7
227	Stuyvesant Docks, Wharf 7.....	Jan. 27
228	do.....	Do.
229	Sixth Street Dock.....	Feb. 1
230	Stuyvesant Docks, Wharf 6.....	Feb. 17
231	Stuyvesant Docks, Wharf 7.....	Feb. 12
232	Girod, between Fulton and St. Peter Streets.....	Feb. 19
233	1535 Terpisshore Street.....	Feb. 22
234	5238 Laurel Street.....	Feb. 19
235	1910 Lapeyrouse Street.....	Feb. 21
236	Lopez and Julia Streets.....	Mar. 3
237	2482 Royal Street.....	Apr. 24
238	do.....	May 4
239	do.....	Do.
240	do.....	Do.
241	do.....	Do.
242	Gravier and Saratoga Streets.....	May 10
243	Clouet and North Rampart Streets.....	June 2
244	1900 Constance Street.....	June 15

¹ This table is a continuation of the table published in the Public Health Reports of Dec. 25, 1914, p. 3474.

PLAGUE-PREVENTION WORK.

CALIFORNIA.

The following report of plague-prevention work in California for the week ended July 17, 1915, was received from Passed Asst. Surg. Hurley, of the United States Public Health Service, in temporary charge of the work:

SAN FRANCISCO, CAL.		SAN FRANCISCO, CAL.—Continued.	
RAT PROOFING.		RAT PROOFING—continued.	
New buildings:		Class A, B, and C (fireproof) buildings:	
Inspections of work under construction..	168	Inspections made.....	219
Basements concreted (16,113 square feet).....	41	Roof and basement ventilators, etc., screened.....	5,125
Floors concreted (7,122 square feet).....	11	Wire screening used (25,030 square feet).....	
Yards, passageways, etc. (13,537 square feet).....	61	Openings around pipes, etc., closed with cement.....	7,379
Total area of concrete laid (36,772 square feet).		Sidewalk lens lights replaced.....	1,000

SAN FRANCISCO, CAL.—Continued.

RAT PROOFING—continued.

Old buildings:	
Inspections made.....	311
Wooden floors removed.....	8
Yards and passageways, planking removed.....	1
Cubic feet new foundation walls installed.....	3,504
Concrete floors installed (43,492 square feet).....	33
Basements concreted (8,780 square feet).....	15
Yards and passageways, etc., concreted (13,197 square feet).....	54
Total area concrete laid (65,469 square feet).	
Floors rat proofed with wire cloth (2,975 square feet).....	5
Buildings razed.....	3
New garbage cans stamped approved.....	507
Nuisances abated.....	226

OPERATIONS ON THE WATER FRONT.

Vessels inspected for rat guards (times).....	22
Reinspections made on vessels.....	12
New rat guards procured.....	15
Defective rat guards repaired.....	2
Rats trapped on wharves and water front....	34
Rats trapped on vessels.....	27
Traps set on wharves and water front.....	168
Traps set on vessels.....	53
Vessels trapped on.....	9
Poisons placed on water front (pieces).....	2,300
Poisons placed within Panama-Pacific International Exposition grounds (pieces).....	3,600
Bait used on water front and vessels—bacon (pounds).....	6
Amount of bread used in poisoning water front (loaves).....	8
Pounds of poison used on water front.....	4

SAN FRANCISCO, CAL.—Continued.

RATS COLLECTED AND EXAMINED FOR PLAGUE.

Collected.....	328
Examined.....	264
Found infected.....	None.

RATS IDENTIFIED.

Mus norvegicus.....	158
Mus rattus.....	80
Mus alexandrinus.....	60
Mus musculus.....	30

SQUIRRELS COLLECTED AND EXAMINED FOR PLAGUE.

Contra Costa County.....	963
Alameda County.....	394
San Benito County.....	274
Monterey County.....	148
Stanislaus County.....	13

Total.....	1,792
Examined.....	1,754
Found infected.....	1

RANCHES INSPECTED AND HUNTED OVER.

Contra Costa County.....	81
Alameda County.....	61
San Benito County.....	29
Monterey County.....	17
Stanislaus County.....	2

Total..... 190

PLAGUE-INFECTED SQUIRREL.

Contra Costa County, shot July 1, 1915, Skow ranch (Peoples Water Co.), 7½ miles east of San Pablo.....	1 squirrel.
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Record of plague infection.

Places in California.	Date of last case of human plague.	Date of last case of rat plague.	Date of last case of squirrel plague.	Total number rodents found infected since May, 1907.
Cities:				
San Francisco.....	Jan. 30, 1908	Oct. 23, 1908	(1)	398 rats.
Oakland.....	Aug. 9, 1911	Dec. 1, 1908	(1)	126 rats.
Berkeley.....	Aug. 28, 1907	(1)	(1)	None.
Los Angeles.....	Aug. 11, 1908	(1)	Aug. 21, 1908	1 squirrel.
Counties:				
Alameda (exclusive of Oakland and Berkeley).....	Sept. 24, 1909	Oct. 17, 1909 ²	Aug. 7, 1914	286 squirrels, 1 wood rat.
Contra Costa.....	May 17, 1914	(1)	July 1, 1915	1,572 squirrels.
Fresno.....	(1)	(1)	Oct. 27, 1911	1 squirrel.
Merced.....	(1)	(1)	July 12, 1911	5 squirrels.
Monterey.....	(1)	(1)	Apr. 10, 1914	6 squirrels.
San Benito.....	June 4, 1913	(1)	June 23, 1915	42 squirrels.
San Joaquin.....	Sept. 18, 1911	(1)	Aug. 26, 1911	18 squirrels.
San Luis Obispo.....	(1)	(1)	Jan. 29, 1910	1 squirrel.
Santa Clara.....	Aug. 31, 1910	(1)	July 23, 1913	25 squirrels.
Santa Cruz.....	(1)	(1)	May 17, 1910	3 squirrels.
Stanislaus.....	(1)	(1)	June 2, 1911	13 squirrels.

¹ None.² Wood rat.

The work is being carried on in the following-named counties: Alameda, Contra Costa, San Francisco, Stanislaus, San Benito, and Monterey.

LOUISIANA—NEW ORLEANS—PLAGUE ERADICATION.

The following report of plague-eradication work at New Orleans for the week ended July 24, 1915, was received from Passed Asst. Surg. Simpson, of the United States Public Health Service, in temporary charge of the work:

OUTGOING QUARANTINE.		BUILDINGS RAT PROOFED—continued.	
Vessels fumigated with sulphur.....	7	By concrete floor and wall.....	140
Vessels fumigated with carbon monoxide...	13	By minor repairs.....	268
Vessels fumigated with hydrocyanic gas....	1	Square yards of concrete laid.....	14,106
Pounds of sulphur used.....	1,989	Total buildings rat proofed.....	679
Pounds of coke consumed in carbon monoxide fumigation.....	20,700	Total buildings rat proofed to date.....	45,617
Pounds of potassium cyanide used in hydrocyanic gas fumigation.....	102	Abatements.....	338
Pounds of sodium carbonate used in hydrocyanic gas fumigation.....	120	Abatements to date.....	26,438
Pounds of sulphuric acid used in hydrocyanic gas fumigation.....	104	LABORATORY OPERATIONS.	
Clean bills of health issued.....	33	Rodents received, by species:	
Foul bills of health issued.....	5	Mus rattus.....	79
		Mus norvegicus.....	1,429
		Mus alexandrinus.....	71
		Mus musculus.....	3,914
		Wood rats.....	37
		Muskrats.....	37
		Putrid (included in enumeration of species).....	55
		Total rodents received at laboratory.....	5,567
		Rodents examined.....	1,867
		Suspicious rats.....	3
		Plague rats confirmed.....	1
FIELD OPERATIONS.			
Number of rats trapped.....	5,635		
Number of premises inspected.....	10,390		
Notices served.....	3,605		
BUILDINGS RAT PROOFED.			
By elevation.....	123		
By marginal concrete wall.....	148		

Rodent case.

Case No.	Address.	Captured.	Diagnosis confirmed.	Treatment of premises.
246	Galvez and Erato Streets (Galvez dump).	July 13, 1915	July 20, 1915	Intensive trapping in the neighborhood and on the dump, and the pushing forward of all rat-proofing operations.

Suspicious human cases examined.....	1	Total cases of rodent plague to July 24, by species:	
Human plague cases.....	None.	Mus musculus.....	4
Last case of human plague, October 4, 1914.		Mus rattus.....	16
Last case of rodent plague, July 20, 1915.		Mus norvegicus.....	218
Total rodents captured to July 24.....	396,759	Mus alexandrinus.....	8
Total rodents examined to July 24.....	271,224	Total rodent cases to July 24, 1915..	246

WASHINGTON—SEATTLE—PLAGUE ERADICATION.

The following report of plague-eradication work at Seattle for the week ended July 17, 1915, was received from Surg. Lloyd, of the United States Public Health Service, in charge of the work:

RAT-PROOFING.		RAT-PROOFING—continued.	
New buildings inspected.....	14	Sidewalks concreted (square feet).....	10,250
New buildings re-inspected.....	9	Total concrete laid, new structures (square feet).....	54,355
Basements concreted, new buildings (15,750 square feet).....	11	New premises rat-proofed, concrete.....	23
Floors concreted, new buildings (26,780 square feet).....	12	Old buildings inspected.....	5
Yards, etc., concreted, new structures (1,575 square feet).....	2	Premises rat-proofed, concrete, old buildings.....	1
		Floors concreted, old buildings (7,500 square feet).....	1

RAT-PROOFING—continued.

Premises otherwise rat-proofed, old buildings.....	3
Openings screened, old buildings.....	56
Rat holes cemented, old buildings.....	28
Wooden floors removed, old buildings.....	1
Doors rat-proofed, old buildings.....	1
Wire screening used (square feet).....	1,500
Buildings razed.....	2

LABORATORY AND RODENT OPERATIONS.

Dead rodents received.....	4
Rodents trapped and killed.....	270
Total.....	274
Rodents examined for plague infection.....	205
Rodents proven plague infected.....	None.
Poison distributed (pounds).....	17
Bodies examined for plague infection.....	1
Bodies found plague infected.....	None.

CLASSIFICATION OF RODENTS.

Mus rattus.....	6
Mus alexandrinus.....	33
Mus norvegicus.....	188
Mus musculus.....	47

WATER FRONT.

Vessels inspected and histories recorded.....	7
New rat guards installed.....	4

WATER FRONT—continued.

Defective rat guards repaired.....	6
Port sanitary statements issued.....	43

The usual day and night patrol was maintained to enforce rat guarding and fending.

MISCELLANEOUS WORK.

Rat-proofing notices sent to contractors, new buildings.....	16
Letters sent in re rat complaints.....	8

RODENTS EXAMINED IN EVERETT.

Mus norvegicus trapped.....	42
Mus alexandrinus trapped.....	1
Mus musculus trapped.....	3
Mus musculus found dead.....	1

Total..... 47

Rodents examined for plague infection.....	43
Rodents proven plague infected.....	None.

RAT-PROOFING OPERATIONS IN EVERETT.

New buildings inspected.....	4
New buildings, concrete foundations.....	3
New buildings elevated 18 inches.....	1
New buildings, basements concreted (2).....	¹ 2,230
New buildings, floors concreted (1).....	¹ 120
New buildings, yards concreted (1).....	¹ 160

Total concrete laid, new buildings ¹.....2,570

HAWAII—PLAGUE PREVENTION.

The following reports of plague-prevention work in Hawaii were received from Surg. Trotter, of the United States Public Health Service:

Honolulu.

WEEK ENDED JULY 10, 1915.

Total rats and mongoose taken.....	328	Classification of rats trapped:	
Rats trapped.....	324	Mus alexandrinus.....	149
Mongoose trapped.....	4	Mus musculus.....	87
Examined microscopically.....	265	Mus norvegicus.....	72
Showing plague infection.....	None.	Mus rattus.....	16
		Average traps set daily.....	984
		Cost per rat destroyed (cents).....	22

WEEK ENDED JULY 17, 1915.

Total rats and mongoose taken.....	356	Average number of traps set daily.....	984
Rats trapped.....	354	Cost per rat destroyed (cents).....	20½
Mongoose trapped.....	2	Last case rat plague, Aiea, 9 miles from Honolulu,	
Examined microscopically.....	292	Apr. 12, 1910.	
Showing plague infection.....	None.	Last case human plague, Honolulu, July 12, 1910.	
Classification of rats trapped:		Last case rat plague, Kalopa Stable, Paauhau,	
Mus alexandrinus.....	189	Hawaii, Aug. 29, 1914.	
Mus musculus.....	77	Last case human plague, Paauhau Landing,	
Mus norvegicus.....	75	Hawaii, June 29, 1915.	
Mus rattus.....	13		

¹ Square feet.

Hilo.**WEEK ENDED JULY 3, 1915.**

Rats and mongoose taken.....	2,362	Rats and mongoose plague infected.....	None.
Rats trapped.....	2,332	Classification of rats trapped and found dead:	
Rats found dead.....	3	Mus norvegicus.....	509
Mongoose taken.....	27	Mus alexandrinus.....	285
Rats and mongoose examined macroscopically.....	2,362	Mus rattus.....	704
		Mus musculus.....	837

WEEK ENDED JULY 10, 1915.

Rats and mongoose taken.....	1,735	Classification of rats trapped and found dead:	
Rats trapped.....	1,715	Mus norvegicus.....	399
Rats found dead.....	2	Mus alexandrinus.....	218
Mongoose taken.....	18	Mus rattus.....	529
Rats and mongoose examined macroscopically.....	1,735	Mus musculus.....	571
Rats and mongoose plague infected.....	None.	Last case of rat plague, Paauhau Sugar Co.,	
		Aug. 29, 1914.	
		Last case of human plague, Paauhau Sugar Co.,	
		Aug. 16, 1914.	

PORTO RICO—PLAGUE PREVENTION.

The table given below shows the number of rats, mice, and mongoose examined in Porto Rico for plague infection during the two weeks ended July 16, 1915. No plague infection was found.

Place.	Rats.	Mice.	Mongoose.
San Juan.....	228	22
Puerta de Tierra.....	97	5
Santurce.....	157	3	1
Total.....	482	30	1